

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas
is not required by Federal law.

CAD086510005 85826

of 1

3. Generator's Name and Mailing Address

Douglas Aircraft Company, Attn: Rob Tuell, ^{209 06-1794} Mail Code C6-59
19503 South Normandie Avenue Torrance, CA 90502

4. Generator's Phone (310) 533-7926 or (310) 533-7231

5. Transporter 1 Company Name

6. US EPA ID Number

Laidlaw Environmental Services of CA, Inc. CAD0000083121

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Norris Environmental Services
5215 South Boyle Avenue
Los Angeles, CA 90058

10. US EPA ID Number

CAD097030993

A. State Manifest Document Number

93385826

B. State Generator's ID

HAHQ36005698

C. State Transporter's ID

423503

D. Transporter's Phone

(310) 518-4700

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(213) 588-7111

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

I. Waste Number

State 792

EPA/Other D002

State

EPA/Other

State

EPA/Other

State

EPA/Other

RQ, Waste corrosive liquids, n.o.s. (chromic acid) 8,
UN1760, PGIII (D002, D007)

001

TT

11620

P

b.

c.

d.

1. Additional Descriptions for Materials Listed Above

11a E0106200130AC, Tank 185-Aleone 1500, Add. code: D007

Chromic acid 0-1%

Ammonium fluorozirconate 0-1%

Fluorozirconic acid 0-1%

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

24 Hour emergency telephone number (800) 424-9300 (Chemtrec). DOT ERG# 11a) 60

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
Robert G. Tuell, Jr.

Signature
Robert G. Tuell, Jr.

Month Day Year
06 17 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
De-Louis VARNADO

Signature
De-Louis Varnado

Month Day Year
06 17 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

WORK ORDER



221 E. "D" ST. • P.O. Box 1175
WILMINGTON, CA 90748-1175
(310) 518-4700 • (800) 955-5359

CUSTOMER/ACCT. NO

940120

WORK ORDER NO.

10060

BILLING ADDRESS

SERVICE ADDRESS

DOUGLAS TORRANCE

ORDER DATE	DATE TO BE DONE	CUSTOMER P.O. #	ORDERED BY	TELEPHONE#	CONTACT PERSON
		Release Number: 27064-H6080			
REP.	DIV. #	DEPARTMENT	CUSTOMER'S EPA #	CUSTOMER'S BD OF EQUAL #	CONTACT PHONE #

Arrived at DAC Torrance 0745
Left DAC Torrance at 1115

DRIVER COMPLETE:

SERVICES PERFORMED

Pump out Acid holden
Tank 185 AND haul to NORRIS
And Off loaded + wash out

START TIME 0700

STOP TIME

START MILES 153557

END MILES

TRUCK NUMBER 16039

TRAILER NUMBER 16040

Manifest Number 93385826

Date Completed 6-17-94

Drivers Name

DeLeonThompson

Comments

In the event of any litigation arising out of this agreement or any transaction contemplated hereby, the prevailing party shall be entitled to reasonable attorney's fees, expenses and costs.

NOT AN INVOICE - BILLING WILL FOLLOW

Customer Signature

Robert G. Tuell Jr. 06-17-94

PRICING INSTRUCTIONS - DRUMS

WORK ORDER

Clerical	Hrs. @	Per Hr.	
Project Manager	Hrs. @	Per Hr.	
First Technician	Hrs. @	Per Hr.	
Second Technician	Hrs. @	Per Hr.	
Third Technician	Hrs. @	Per Hr.	
Fourth Technician	Hrs. @	Per Hr.	
Fifth Technician	Hrs. @	Per Hr.	
Truck #	Hrs. @	Per Hr.	
Truck #	Hrs. @	Per Hr.	
Truck #	Hrs. @	Per Hr.	

Sundays, Holidays, and After Hours @ _____ % = _____

TRANSPORTATION & DISPOSAL FEES TO TSD FACILITY

5 Gal. Cans Liquid @	Each	
5 Gal. Cans Solid @	Each	
5 Gal. Cans Lab Packed @	Each	
55 Gal. Drums Liquid @	Each	
55 Gal. Drums Solid @	Each	
55 Gal. Drums Lab Packed	Each	
Empty 5 Gal. Cans @	Each	
Empty 55 Gal. Cans @	Each	

County Tax

MATERIALS USED

5 Gal. Cans @	Each	
55 Gal. Drums @	Each	
Recovery Drums @	Each	
Bags Vermiculite @	Each	
Bags (Other Describe) @	@	=
Hazardous Waste Labels @	Each	
Drum Liners @	Each	
Safety Equipment Number of Sets	@	=

PRICING INSTRUCTIONS - PUMPING

Compensation	Hrs. @	Per Hr.	
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Washout Fee

Dump Fee

TOTAL

Customer Signature

Generator Name: Douglas Aircraft Co

EPA ID Number: CAD086510005

Manifest Number: 85826 / 93385826

Date of Shipment: 6/17/94

Indicate Waste Line Item (11): a

This notification is hereby submitted to NORRIS ENVIRONMENTAL SERVICES in compliance with EPA regulation described in 40 CFR Part 268 which prohibit the land disposal of certain hazardous wastes, unless these wastes are treated to meet specified standards or treated using specified treatment technologies.

I have marked the appropriate box(es) below, which indicates how my waste must be managed to conform to land disposal ban and federal regulations.

California List Wastes Notification

RCRA Land Disposal Notification

- ☐ Liquid hazardous waste including free liquids associated with any solid or sludge containing free cyanide at concentrations greater than or equal to 1000mg/L.

Treatment Standard-Cyanide Destruction Stabilization

Waste Requires Treatment

- ☒ Liquid hazardous wastes, including free liquids associated with any solid or sludge, containing the following metals (or elements) at concentrations greater than or equal to those specified below:

☒ I am the initial generator of an untreated waste identified above which must be treated in the appropriate treatment standard set forth in 40 CFR 268 Subpart D, or where a treatment standard exists for the California List Waste, if waste must be treated to the levels specified under 40 CFR 268.32.

Treatment Standard-Neutralization, Precipitation: Metals Recovery

(check those that apply)

Waste Treated to Performance Standards

- | | |
|---|-------------|
| <input type="checkbox"/> Arsenic and/or compounds (as As) | 5.0 mg/L: |
| <input type="checkbox"/> Barium and/or compounds (as Ba) | 100.0 mg/L: |
| <input type="checkbox"/> Cadmium and/or compounds (as Cd) | 1.0 mg/L: |
| <input checked="" type="checkbox"/> Chromium (VI) and/or compounds as Cr (VI) | 5.0 mg/L: |
| <input type="checkbox"/> Lead and/or compounds (as Pb) | 5.0 mg/L: |
| <input type="checkbox"/> Mercury and/or compounds (as Hg) | 0.2 mg/L: |
| <input type="checkbox"/> Selenium and/or compounds (as Se) | 1.0 mg/L: |
| <input type="checkbox"/> Silver and/or compounds (as Ag) | 5.0 mg/L: |

- ☐ The waste identified above has been treated in compliance with the applicable performance standards specified in 40 CFR 268 Subpart D and/or the applicable prohibitions set forth in 40 CFR 268.32. "I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(s) without dilutions of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

- ☐ Liquid hazardous wastes that are primarily water and contain halogenated organic compounds (HOCs) in total concentration greater than or equal to 1,000 mg/L and less than 10,000 mg/L HOCs (see attached listing of HOC constituents)

Treatment Standard-Carbon Absorption Steam Stripping

- ☐ Liquid hazardous wastes containing polychlorinated biphenyls (PCBs) at concentrations greater than or equal to 50 ppm.

Treatment Standard-Incineration, high efficiency boiler, other thermal treatment

- ☒ Liquid hazardous wastes having a pH less than or equal to two(2) or pH equal to or greater than 12.5.

Treatment Standard-Neutralization Stabilization

- ☐ The spent solvent wastes specified in 40 CFR 261.31 as EPA Hazardous Wastes Nos F001, F002, F003, F004 and F005.

Treatment Standard-Specify technology used to meet Table CCWE. Check constituent(s) on Table CCWE which were reduced below treatment standards

Waste Subject to Variance

- ☐ The waste identified above is subject to a case-by-case extension under 40 CFR 268.5, a no-migration petition under 40 CFR 268.6, a nationwide variance under Subpart C, or is soil or debris generated from a response action taken under CERCLA or corrective action under RCRA.

The most recent copy of waste analysis or a description of the knowledge upon which this notification is based is attached. I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.

Robert G. Tuell, Jr.

Senior Plant Engineer

06/17/94

Robert G. Tuell, Jr.

(310) 533-7926

INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS
 The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, **IF THE LISTED MATERIAL IS NOT ON FIRE**. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a no-fire spill incident during transport.

D.O.T. EMERGENCY RESPONSE GUIDE 60

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS **NOT** ON FIRE.

SMALL SPILLS
 (Leak or spill from a small package or small leak from a large package.)

LARGE SPILLS
 (Leak or spill from a large package or spill from many small packages.)

ID No.	NAME OF MATERIAL	First ISOLATE in all directions—(Feet)	Then, PROTECT those persons in the DOWNWIND direction—(Miles)	First ISOLATE in all directions—(Feet)	Then, PROTECT those persons in the DOWNWIND direction—(Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, **and NO FIRE exists**, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

**WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO
 (NOT ONLY REGULATED HAZARDOUS MATERIALS):**

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.



DOT EMERGENCY RESPONSE GUIDE 60

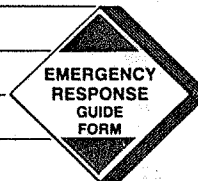
(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: _____

Technical Name(s): _____

24 hr. Emergency Contact Tel. No.: _____



DOT EMERGENCY RESPONSE GUIDE 60

POTENTIAL HAZARDS

HEALTH HAZARDS

Contact causes burns to skin and eyes.
If inhaled, may be harmful.
Fire may produce irritating or poisonous gases.
Runoff from fire control or dilution water may cause pollution.

FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.
Flammable/poisonous gases may accumulate in tanks and hopper cars.
Some of these materials may ignite combustibles (wood, paper, oil, etc.)

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.
Stay upwind; keep out of low areas.
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.
CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.
If water pollution occurs, notify the appropriate authorities.

FIRE

Some of these materials may react violently with water.
Small Fires: Dry chemical, CO₂, water spray or regular foam.
Large Fires: Water spray, fog or regular foam.
Move container from fire area if you can do it without risk.
Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

SPILL OR LEAK

Do not touch or walk through spilled material; stop leak if you can do it without risk.
Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.
Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.
Large Spills: Dike far ahead of liquid spill for later disposal.

FIRST AID

Move victim to fresh air; call emergency medical care.
In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.
Remove and isolate contaminated clothing and shoes at the site.
Keep victim quiet and maintain normal body temperature.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic description and technical name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page **IF THERE IS NO FIRE.**

READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!

WEIGHT TICKET

VENDOR: Laidlaw GROSS 45100 P.
TRUCK #: 16039 TARE 33480 P.
DATE: 6-17-94 NET ^{25.9} 11,620 ~~11,620~~ P.
CONTENTS: Tank 185 - Alodine 1500
DISPOSAL FACILITY: Norris DRUM COUNT
DRIVER: *[Signature]* GALLONS

STATE MANIFEST DOCUMENT NUMBER: 85826/93385826